

Dear Lee,

Friends told me that your retirement symposium is today. I want to thank you for many discussions and the advice you gave me. I really appreciated it. All the best for the coming years.

Greetings Robert

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Dear Lee,

I am unable to attend your retirement celebrations on February 24, 2005. I want to wish you good luck and many wonderful years to come, both in physics and your personal life

It has been a true pleasure to get to know you. Especially, I will recall the teaching classes in accelerator physics at the APS, your broad knowledge, and your openness and willingness to help anytime.

Hope to see you around sometimes.

With best regards,  
Roger Dejus

*Dear Prof. Teng,*

*On the great occasion of your retirement symposium, we would like to send our warmest congratulations and best wishes to you. We heartily congratulate that you have made tremendous and significant contributions to both particle and accelerator physics after having devoted all your energy and your professional life to the field of physics for 57 years. We sincerely wish that you might look back with pride and satisfaction and do enjoy all the happiness that the new and relaxed life can bring you.*

*As we all know, you are recognized as a great forerunner and prestigious expert in the synchrotron radiation community of the world. You have always taken a leading and important role in design and construction of a series of famous synchrotron radiation facilities over half a century. Meanwhile, you have dedicated to the communication and collaboration with several universities and laboratories in China. We are lucky enough to be one of them.*

*Therefore, we'd take this opportunity to express our highly esteem and gratitude. Thanks for your great help and support to Shanghai Institute of Applied Physics and Shanghai Synchrotron Radiation Facility in the past years. We firmly believe that we could continuously get kind support and professional suggestions from you in the construction of SSRF.*

*May you enjoy a happy retired life! Welcome to Shanghai!*

*Sincerely yours,*

*Xu Hongjie*

*Director*

*Shanghai Institute of Applied Physics*

*Chinese Academy of sciences*

*Shanghai Synchrotron Radiation Facility*

*Zhao Zhentang*

*Deputy Director*

*Shanghai Institute of Applied Physics*

*Chinese Academy of sciences*

*Shanghai Synchrotron Radiation Facility*

Dear Prof. Teng,

Your retirement symposium is approaching, and it is a great occasion indeed that we can share your great career experience and express our sincere wishes. As you may know, I am the first generation university students majoring in charged particle accelerators in China after “culture revolution”, I entered this field simply because China needed to train young scientists and engineers for the 50 GeV Beijing proton synchrotron in late 1970's. At that time, I heard some stories about your efforts to help China to design and construct the accelerator, particularly a story about how you push Chinese scientist to do the real engineering work, it was very encouraging to me to stay in this field indeed.

I am very happy and lucky that I have the chance to meet you regularly since BEPC upgrades started in 1991, from collider to synchrotron radiation light source and from China to US, I have been being encouraged and impressed by your knowledge and your insight in accelerator field, I enjoyed the happy time we got together either for the professional discussions and lectures or for the free talks on world and life. I admire your great experience in accelerator science and technology, and I appreciated very much your guidance in this exciting field.

I would like to express my heartfelt thanks for your persistent support to my work and the SSRF project during past 10 years, particularly your valuable helps in the SSRF project critical period. Now SSRF is under construction, there is no doubt it needs more of your continuing support. I sincerely wish that you enjoy your retired time, and hope you can have more chances to visit China and SSRF. I am looking forward to seeing again this year.

It is a pity that I could not attend your retirement symposium, I would like to extend all my best wishes and blessings to you for a successful symposium and an enjoyable retirement life.

With my best regards,

Zhentang Zhao

Dear Lee,

Warmest congratulations and best wishes for your retirement!

And, of course, thank you for your many precious contributions to the physics of particle accelerators.

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Dear Lee:

Best wishes on your retirement! Is it real? My retirement just means that I go to BNL once a week rather than daily - I suspect yours will be similar. Sorry I can't come in person - I am skiing in Utah.

All the best,

Ernest Courant

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Dear Lee,

I just looked into the Beam Dynamics News Letters and learned about your Retirement Symposium.

With great pleasure I remember talking to you and learning from you many years ago. I have been always very impressed by your personality and your competence.

Wish you all the best for the future, especially health.

Yours  
Norbert Angert

Dear Lee,

Regretfully I am unable to attend your retirement celebration as I am out of the country. Nevertheless, I would like to take this opportunity to offer you my congratulations both on your retirement and on the many accomplishments and contributions to accelerator physics of your wonderful career. While the Main Ring no longer exists, your legacy lives on at Fermilab in the form of the Booster, Tevatron, and the slow extraction system that now resides in the Main Injector. And in Southern California patients continue to receive life saving proton therapy in the machine that you were so instrumental in bringing into being. You have a lot to be proud of!

Best wishes for a long and happy retirement,

Steve Holmes

Dear Lee,

An obligation at Ames Research Center prevents me from joining in the celebration of your distinguished career.

Your work has rescued me at two points in my own career. The first was your scheme for extracting the beam from a synchrocyclotron. I was supposed to get the beam out of the Chicago cyclotron and I knew that you had the key. I didn't actually implement that scheme myself - it didn't look easy - but I found a fellow over in Liverpool (Al Crewe) who had done it successfully and was willing to do it again.

The second was your design for the ZGS. I was supposed to be responsible for seeing that the machine got built and I had at least the good sense to let you and some other good people do it your way. You saved me. Thank you.

Best wishes,

Roger Hildebrand

Hello Lee,

It is with great pleasure that I send you my best wishes for the coming holidays, for the New Year 2005 and for your final retirement - I think you have already retired several times, but you were still doing useful and interesting work as well as a lot of teaching.

It has been a constant source of inspiration and knowledge to discuss with you since we met the first time over 30 years ago when you visited CERN, and I have been very lucky to get your invaluable advice while I was serving almost 10 years on the APS machine committee.

All the best for you and I hope we will meet again in the not too far future.

Bruno Zotter

Dear Lee,

As I will be unable to attend the ceremony on 24 February I would like to take this opportunity to wish you a long and happy retirement. Our paths may have first crossed in the early 70's but genuine professional links probably commenced later during the design/construction of the APS. I do know how much that highly successful project owes to your personal initiatives and I also value various pieces of advice that you have passed on to me over the years. I want to add that you are truly a gentleman of the 'old school', unfailingly friendly and helpful, and that our accelerator community will miss you greatly.

With very best wishes and thanks, from all of your UK colleagues,

Mike Poole

Dear Lee,

I understand that you have recently retired from ANL. Unfortunately, I will not be able to make your retirement celebration. However, let me say that I know you have made many important contributions to accelerator science during your career, and I wish you all the best in your retirement.

Sincerely,

Gerry Dugan

Dear Professor Teng,

On the occasion of your retirement, my colleagues join me in sending you our best wishes and extending our high salutations.

Fifty-three years is a short span in human history, but your tireless unremitting efforts and whole-hearted devotion to career in this period of time are immeasurable. And what's more, your significant contributions to accelerator physics can hardly be enumerated and challenged. It is natural that your retirement has become the center of attention from the international community of accelerators. The loss caused by your retirement will soon be felt. However, a new generation of promising young accelerator physicists you have cultivated have come up, who will model themselves upon you by developing new accelerator physics theories and technologies. In addition, particular mention should be made of the great contributions you have made to the development of China's accelerators, which will be written in history. Since you are still very energetic, we sincerely hope that you can keep on helping us in case of need.

May you enjoy your life by keeping your wife company, doing some sightseeings or anything you want to do. I am sure that the wonderful world will render you unlimited pleasure once you plunge yourself in it.

With my personal regards to you,

Shouxian Fang

Dear Lee,

I have enjoyed my occasional interactions with you, and I have learned a lot from your work, particularly the calculation of the electric field of a uniform elliptical distribution.

I am sorry I will not attend your retirement celebration in person. I wish you all the best in your new phase of life, although I imagine you'll be around regularly at the Lab. If so, I look forward to seeing you again when I visit Argonne.

Best wishes,

Miguel Furman

Dear Lee;

January 25, 2005

Sorry I cannot be there to join you and your many friends to celebrate an extraordinary scientific career of which you can be very proud. It is hard to identify anyone who has contributed as much as you have to so many areas of accelerator-based science and applications in the US and abroad.

I wish you all the best in the years to come and hope that I and others can continue to call upon you for advice and help in dealing with complex issues and technical challenges that can benefit from your wisdom and experience.

Sincerely,

Herman Winick

Dear Lee,

Sorry not to be with you on Feb. 24. You should be very proud of the contributions you have made over a very long period. But the torch is now being passed to a younger-more computer oriented- generation. Let us enjoy their successes!

Best wishes in your retirement.

Bob Gluckstern

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Robert Gluckstern

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Dear Professor Lee Teng,

We are very happy to know that you will retire, and a ceremonious commemoration will be held to honor your achievements for your long time career. Your scientific accomplishments and contributions to the field of accelerator physics during the period longer than half a century are very predominated and highly effective to the development of the world accelerator sciences. We appreciate your continuous helps to us very much during the long period since the beginning of the BEPC construction or even early. We also very much appreciate your instruction to our colleagues in accelerator physics in many situations. We are very sorry that we can not attend your commemoration, but we do hope the commemoration will be very fervent and remarkable. Congratulate to you again, and wish you are in a very good health in the future!

Sincerely yours,

Guo Zhiyuan and Qin Qing  
Institute of High Energy Physics  
Chinese Academy of Sciences  
Beijing, China

Dear Dr. Teng:

Let me begin by wishing you all the best and happiness for your retirement after 57 years of distinguished service to the scientific community.

I am not an accelerator physicist, but I have noticed your work for a very long time. In fact, I read in a magazine article about your work when I was about ten years old, and that was 45 years ago. I did not understand the physics issues addressed in that article at that time, but my impression was that it was really very important, and the article aroused my curiosity enormously.

Well, I have become a physicist, and have built a career based on synchrotron radiation research. This field would not have been possible without the work of accelerator physicists like you. Thank you!

Unfortunately, as much as I would like to, I won't be able to attend the celebration. I have to be in Germantown on that day for our annual laboratory administration review.

Have fun and take care,

Tai

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Dear Lee,

I would love to be able to join you and your many friends at your retirement celebration, but will be out of town during that week. I hope that this doesn't mean that we'll see each other less frequently. I regret having to miss celebrating with you and your many friends, and wish you well in your new phase of life.

Best regards,

Jack Carpenter

Dear Lee,

I am ever so sad that my circumstances do not permit me to be with you on your day of celebration. I am living in Prior Lake, MN, and am not able to travel very much.

I recall very well our mutual years together on the ZGS and APS projects. Back in the late 50's I was a newcomer to the accelerator field and learned much about the subject from you. You were the one who was breaking new ground in accelerator theory and it was you who led us to the successful commissioning of the ZGS Accelerator.

I will be with you in spirit on Feb 24th and wish you much happiness in your new life as a retiree.

During my move last Oct I found the attached photo in one of my shoe boxes of pictures I don't remember the three W's, Where, When, or What. And I only know 2/3 of the Who. I see that my hair still had some color and your eyebrows were still dark. Maybe you can enlighten me.

Best of luck.

Your friend and longtime colleague,

Ed Crosbie

Being far apart on both sides of the ocean, I myself am not able to join Dr. Lee C. Teng's Retirement Celebration. Please accept and convey my warmest congratulation for his achievements in accelerator physics over the half century.

Dr. Lee C. Teng is our old friend and senior advisor. During the later part of Dr. Lee C. Teng's 53 years service to accelerator community, the accelerators got a rapid development in China. Dr. Lee C. Teng visited Beijing as early as in 1975, when we were designing our 50 GeV Beijing Proton Synchrotron, BPS. He bridged IHEP and FNAL for collaboration in the BPS design, when many Chinese scholars visited US to learn the advanced knowledge on modern accelerators. He has also contributed to the design and construction of China's first high energy physics machine, the Beijing Electron-Positron Collider; the first dedicated synchrotron radiation facility in China, the Hefei Light Source. In the recent years, he has frequently visited China to teach young students in accelerator schools on accelerator physics, giving lectures on colliders, light sources, FELs, new acceleration theory and others.

All of us in IHEP miss him particularly at this time when the BEPCII and SSRF are in progress. We appreciate his contribution to the development of accelerators in IHEP, as well as in China. So I hasten to write this letter to offer my heartiest congratulation and best wishes for his retirement.

C. Zhang  
Deputy Director of IHEP

Dear Lee,

I am sorry I cannot be present in person at the celebration of your remarkable career. I feel privileged to have known you and to have interacted with you in workshops and reviews over the past 25 years. I have always admired you as a scientist and for your deep understanding of accelerator physics I am impressed by your prominent involvement in pioneering accelerator research and by the mark you have left in some of the most important projects of the past 50 years. One of the human qualities that I have appreciated most in you is your kindness. I have always regarded you as a real gentleman. I was honoured by both you and your wife's presence in the Arcidosso Workshop. It was fun to show you around my village and your appreciation of the town and of the Workshop was for me a source of pride. So, from a fellow retiree, I wish you all the best in retirement. I know that you will continue to occupy your mind in scientific matters and I hope we will meet again soon.

Max Cornacchia

Dear Lee,

It's a long way from the Middle East to the Middle West.  
And even though Gil Perlow calls Rehovot the "Downers  
Grove of the Middle East" we can't make it to your  
retirement party.

So - Best wishes for joining the club of active retirees - and  
as they say in Israel "until 120".

Harry Lipkin

Dear Lee,

I am in Australia and so, unfortunately, will be unable to attend the symposium in your honor next week.

Argonne has greatly benefited from your efforts over the years. I have always felt proud to know you as a friend and colleague.

Best wishes,

Don Gemmell

Hi Lee:

Sorry I can't attend the festivities next week, but I'll be on vacation. I just wanted to send you and Nancy my best wishes. I remember way back in 1967, when I joined the Particle Accelerator Division (PAD), you were the Division Director. It seems to me that almost no time went by before you had gone off to Oak Brook to the National Accelerator Laboratory team. Our paths didn't cross again until you came back to Argonne on the 6-GeV team, probably around 1988. I've enjoyed our association and I'm sure it won't be over, since we'll probably still be seeing each other as STA's.

Hope your evening is wonderful.

Warmest regards

Joanne Day

Dear Lee,

On the occasion of your retirement, allow me to add my congratulations on your great career. I enjoyed very much working for you during your stint here at Fermilab -- the day-to-day interactions as well as your advice and the more formal lectures you gave us during that time.

It's been a busy fifty seven years for you so let me wish you a long, pleasant and relaxing retirement. Enjoy!

--Andy

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Dear Lee,

I am sorry I will not be able to attend your retirement celebration. I am glad to have this opportunity to thank you for all the help you have given me over the years.

I really liked your autobiography.

Thanks and Best of Luck!

Rol Johnson

Dear Lee,

Welcome to the world of retirement. We are enjoying a month in sunny Florida, but I am sorry to miss your retirement celebration.

I have enjoyed working with you from time to time over the years, and have long admired your fine contributions to many state-of-the-art accelerator projects.

All good wishes for the future.

Tom Fields

Dear Lee,

Congratulations on your retirement! I don't believe for a moment that you will quit working. However it is time for you to pick and choose exactly what you work on, rather than to work only on group activities. I am sure that you have a lot more lead in your pencil, and a lot more to give to the world.

Nevertheless, it's time to reminisce. I believe we first met in 1957, and crossed paths very often thereafter, at MURA, ANL, and FNAL, and even at BNL. The ZGS, NAL, the Tevatron, and Loma Linda are behind us now. I suspect that we have more to do on proton radiotherapy.

I read your "bio" and was amused to discover that we both worked on resonant extraction at the same time, you in Chicago, I in Urbana-Champaign. My first "accelerator project" was to commission a new vacuum system for improving extraction from the 22 MeV Betatron, which Ned Goldwasser, Tom Robillard and I used to measure the "density effect" in electron energy loss. Specifically we wanted to learn why the extracted beam intensity was about 100 times less than the internal target beam. By installing a moveable internal target, and gradually moving the peeler into the beam, we were able to show that most of the beam losses took place at injection, not extraction. Like many accelerator experiments, it was not published.

For the moment, relax, smell the roses, enjoy yourself and receive our adulation. You've earned it.

Best wishes,

Fred Mills

Dear Lee,

Unfortunately, I cannot attend the ceremony held for your retirement. I wish you all the best in your new life and as much success and achievements as during your brilliant career in the field of accelerator physics. Personally, I strongly appreciated the fruitful discussions we had each time we met in Argonne.

Kindest regards.

Annick

Sorry I cannot make it to Lee's retirement Symposium and Banquet. Please give Lee my regards and best wishes; we are old friends.

Pief Panofsky

Dear Committee,

Thank you very much for the invitation. It is a great occasion. Unfortunately, I regret that I will not be able to attend due to schedule conflict. However, as Alex's earlier e-mail mentioned, we will have a member in our department, Zhirong, who will kindly represent us.

I personally have learned a lot of accelerator physics, directly or indirectly, from Lee. Lee has a lot of personal notes of his derivation for optics and magnetic fields applied to accelerators. Someone in Argonne ought to dig out all those notes from him. His normalization solution for linear couplings has been widely applied in accelerator optics and diagnostic codes much more than Lee would have expected or even have known. Even today we (at SLAC, ANL, ...) use the "Model-Independent Analysis (MIA)", we can not applied MIA well to real accelerators without including normalization solution for linear couplings.

Best wishes to Lee.

Yiton Yan

Hi Kathy,

Unfortunately I will not be able to attend Lee Teng's retirement event. I am sure you will make it memorable for Lee. He has had a distinguished career; one that has touched most of us in the accelerator community. I wish him well in retirement and trust that he will still be a presence in the community of accelerator physicists.

Thanks for the invitation,

Bob Macek

Dear Organizing Committee,

To my great chagrin I will not be able to participate in the Lee Teng celebration. I will send my greetings directly to Lee on that occasion.

Wishing you a very successful symposium,

Dieter Mohl

Hello Lee!

I'm amazed to realize that you've been doing accelerator stuff for 57 years! It was great fun to read your autobiography, and to see your picture which says you still look exactly the same as the youngster I first met in the MURA years. So you're retiring from Argonne but I'm sure you're not retiring from accelerators and I look forward to still meeting you at conferences for many more years!

I also need to say that I'm deeply disappointed that I've had to cancel my plan to attend your "Retirement Celebration" - - an important meeting has come up here for Thursday afternoon and they want me to attend (the meeting deals with improved cyclotrons for medicine and several important MD's think they can't adjust their schedules, so with much regret, I decided I should yield to that, and stay here on Thursday.

So I send you warmest greetings on behalf of the accelerator oldsters here, and look forward to seeing you on many future occasions!!!

Henry Blosser

Dr. Lee C. Teng  
Argonne National Laboratory,  
Argonne, IL 60439

February 22, 2005

Dear Dr. Teng:

On the occasion of your retirement, I would like to say that we, KEK accelerator physicists are so grateful to you for your great contribution to lay the foundation of the KEK accelerator physics group.

I suppose that almost all accelerator physicists recognize how great your achievements in accelerator physics in the past fifty years are. Here I would like to mention specifically about your contribution to research activities of the KEK accelerator group.

You visited us first in 1972, which was established in 1971 and had begun the construction of a 12GeV proton synchrotron. Your work here was really impressive. In a short time you redesigned the lattice and injection/extraction systems of the synchrotron ring without utilizing computer calculation. And you gave detailed instructions and guided us to adopt your idea. The synchrotron was completed in 1976 and has been operated for about thirty years without any serious trouble, and is now producing critically important physics results on the neutrino mass by the K2K long baseline neutrino oscillation experiment.

After 1972, you came to KEK many times and always gave us a lot of invaluable advice. Now we are constructing a high intensity 50 GeV proton synchrotron, J-PARC: a joint project between KEK and JAERI (Japan Atomic Energy Research Institute). In the design of the main 50 GeV ring, inspired by your original work on the transitionless synchrotron lattice, we adopted the transitionless scheme by making the ring compaction factor imaginary.

We have been so much indebted to you for your help in the progress of the KEK accelerator research activities, and highly appreciate your contribution. Finally I wish you and your family a happy life all through.

Yours sincerely,

Yoshitaka Kimura  
Professor Emeritus, KEK

Regrets from Denny Mills

I am very sorry I will not be able to attend Lee's celebration after all. If you have an opportunity please express to Lee my best wishes, and my deep respect and admiration.

Best regards,

Lia Meringa

I am sorry that the weather at Bloomington is heavily snowing, it would be very difficult for me to drive up today. Give my best regards to Lee. His career has been so influential that very few people can reach.

Again,  
Best regards to your successful celebration!

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Lee,

You were one of the first people I met at Argonne when I showed up in July 1968. You were then and you remain a true gentleman. It has been my pleasure to know you over the years.

Best wishes for retirement.

Bruce

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Hello Lee,

I came a bit late on the notice of your retirement celebration in Fermilab Today. I see there were some familiar and distinguished speakers at the Symposium - Ron, Don, and Phil. I would have liked to have been there to hear their review of your many contributions to the world of accelerators. I should add my profound appreciation for all of the help and support you provided me during the "good old" Main Ring days, in the 70's.

I hope your retirement phase will be both enjoyable and fulfilling. Will you maintain an office at Argonne? Stay in Illinois?

Pat and I have been living in Tucson, AZ, for nearly 5 years now; getting back to Illinois several weeks per year. Fred Mills and Phil Livdahl have "summer" homes about 12 miles from our home here. My science activities consist of staying abreast of HEP activities, with special attention to Fermilab, and attending lectures at the Univ. of Arizona on astronomy, cosmology, and planetary science.

Best regards,  
Frank Turkot

Hello Lee-

Congratulations on your retirement and the symposium. I am sorry I was unable to attend.

I enjoyed reading your history article!

Gil

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~ STS-107 ~ ~ MIA-POW ~  
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Dear Lee,

I read (with quite some delay) your “Accelerator and I” in the 35th ICFA Beam Dynamics Letter with great pleasure. This autobiography shows the impressive, wide span of your work and reflects very well your radiating enthusiasm for our field which I always admired.

I had to give a talk on 50 years of accelerators at CERN. In the context of the slow extraction of the PS, I inquired a little bit about the history and development of slow extraction and found out that you had studied this for the synchro-cyclotron when I was still at High-School (cf. Tuck & Teng, Phys.Rev.81 (1951)305.

Thanks for having written this up. I wish you an active and fulfilled retirement.

Kind regards,

Kurt Hübner  
CERN/ Directorate Services Unit

24 March 2005

Dear Lee,

I just read about your retirement in the CERN Courier, and am sending you my belated best wishes. You will probably not remember me, but I was at Argonne from 1960 to 1964 (and a visitor for a few more years), first in the Particle Accelerator Division and then in high Energy Physics.

I expect that you will manage to keep busy in your retirement.

I reached notional retirement nearly 7 years ago (65 is mandatory retirement age in my institution), so the university stopped paying me, but I still have an office and am there most days. When I started as a research student in 1954 I was in a group of 4 people (2 staff, 2 grad students) and we built our own accelerator, a 29 MeV microtron. In the late 1990s I was in an international collaboration of 400 people working on the H1 experiment at DESY. I decided that in retirement I did not want to have to work with 3999 collaborators, so I stopped research and spend much time on "public understanding of science" outreach activities. This mostly consists of giving talks on HEP to high school students and others, and I have managed to speak to more than 24,000 people in the past 7 years.

Once again, all the very best.

Cheers. Peter

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